

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000433

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61C 7/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0315777 A1 (BERGERSEN, EARL O.), 17 May 1989 (17.05.1989) --	1-14,18
X	US 4830612 A (EARL O. BERGERSEN), 16 May 1989 (16.05.1989) --	1-8,18
X,P	US 20030225594 A (EARL O. BERGERSEN), 4 December 2003 (04.12.2003), figure 2A -----	1-8,18-27

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

12-11-2004

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Swedish Patent Office

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INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2004

International application No.

PCT/FI 2004/000433

EP	0315777	A1	17/05/1989	CA	1303879 A,C	23/06/1992
				DE	3864379 A	26/09/1991
				JP	1750391 C	08/04/1993
				JP	2001256 A	05/01/1990
				JP	4036019 B	12/06/1992
				US	4784605 A	15/11/1988

US	4830612	A	16/05/1989	CA	1300933 A,C	19/05/1992
				DE	3878312 A,T	25/03/1993
				EP	0293682 A,B	07/12/1988
				JP	1259856 A	17/10/1989
				JP	1805110 C	26/11/1993
				JP	5010944 B	12/02/1993

US	20030225594	A	04/12/2003	WO	03100574 A	04/12/2003
